

Title (en)
DISPLAY DEVICE

Title (de)
ANZEIGEVORRICHTUNG

Title (fr)
DISPOSITIF D'AFFICHAGE

Publication
EP 2333494 A4 20170809 (EN)

Application
EP 09817910 A 20091002

Priority
• JP 2009067278 W 20091002
• JP 2008258708 A 20081003
• JP 2009228302 A 20090930

Abstract (en)
[origin: EP2333494A1] There is provided an indicator in which a moving member 9 on which a pointer 21 is installed is caused to run on a guide rail 1 formed along a scale formed on a dial, characterized in that the moving member 9 comprises a first support member 11 for pivotally supporting a plurality of pulleys 17 which are arranged along the guide rail 1 and a second support member 13 for pivotally supporting at least a pulley 17, and in that the plurality of pulleys 17 pivotally supported on the first support member 11 and the pulley 17 pivotally supported on the second support member 13 hold the guide rail 1 therebetween and the first support member 11 and the second support member 13 are assembled to each other so as to slide in an inter-axis direction of the plurality of pulleys 17 which are pivotally supported on the first support member 11 and the pulley 17 which is pivotally supported on the second support member 13, the indicator having further a spring member 15 for biasing the first support member 11 and the second support member 13 in a direction to reduce an inter-axis space therebetween.

IPC 8 full level
G01D 13/22 (2006.01); **G01P 1/07** (2006.01); **G12B 11/04** (2006.01)

CPC (source: EP US)
G01D 13/22 (2013.01 - EP US); **G01P 1/07** (2013.01 - EP US)

Citation (search report)
• [A] DE 10325793 A1 20041230 - BORG INSTR AG [DE]
• [A] US 3729827 A 19730501 - PERMINOV E
• [A] DE 464431 C 19280817 - FELLBACH G M B H MASCHF
• See references of WO 2010038878A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2333494 A1 20110615; EP 2333494 A4 20170809; EP 2333494 B1 20190605; CN 102171538 A 20110831; CN 102171538 B 20140416; JP 2010107504 A 20100513; JP 5396221 B2 20140122; US 2011179991 A1 20110728; US 8646402 B2 20140211; WO 2010038878 A1 20100408

DOCDB simple family (application)
EP 09817910 A 20091002; CN 200980139408 A 20091002; JP 2009067278 W 20091002; JP 2009228302 A 20090930; US 200913122195 A 20091002